



U. S. Department of Agriculture  
Forest Service  
Southeastern Area  
State & Private Forestry

# FOREST PEST MANAGEMENT

Report No. 81-3-21

Issued: 8/10/81

## AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, HOMOCHITTO NATIONAL FOREST, MISSISSIPPI

LAND OWNERSHIP OR SURVEY AREA: Homochitto National Forest

STATE: Mississippi

AREA WITHIN SURVEY BOUNDARY: 373,497 acres

DATE: August 4, 1981

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 206

CREW: E.T. Wilson & T.P. Russell (Doraville Field Office); Wes Nettleton  
(Alexandria Field Office)

REPORT PREPARED BY: T.P. Russell

### SURVEY OBJECTIVES

To detect the presence of forest insect and disease activity adversely affecting the timber resources within the Homochitto National Forest.

### SURVEY RESULTS

A total of 69 red tree spots were observed on the aerial survey, (refer to map). The majority of the spots were small, ranging in size from one to five trees, (refer to table I). Ground checking of 11% of the multiple tree spots by Forest Pest Management revealed the presence of southern pine beetle, Ips and turpentine beetles. Individual trees examined in the infestations showed the presence of southern pine beetle populations to be at a low level. Very few green infested trees were observed.

### SURVEY CONCLUSIONS

Forest insect and disease activity is at a low level at this time. Field surveillance should be continued by National Forest personnel to promote early detection of increased beetle activity.

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For additional information, contact:

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